

EAST Search History**EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	12	(("20080035842") or ("5420425") or ("5576540") or ("5763878") or ("6380666") or ("20030066958") or ("20030183759") or ("6700117") or ("6900430") or ("6900433") or ("7193207") or ("7285773")).PN.	US_PGPUB; USPAT	OR	OFF	2010/11/10 12:44
S2	169299	((ion near2 trap\$4) electrode) with switch\$4	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/10 12:55
S3	784	S2 and (ion near2 trap\$4)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/10 12:55
S4	74	S3 and (switch\$4 near4 period)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/10 12:56
S5	25	(switch\$4 near4 period) with DC with constant with (long\$4 length)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/10 13:39
S6	0	S5 and (ion with extract\$4)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/10 13:39
S7	13	(ion with extract\$4) same (switch\$4 near3 period)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/10 13:40
S8	827	(ion with extract\$4) same (switch\$4)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/10 13:45
S9	387	(ion with extract\$4) with (switch\$4)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/10 13:54

S10	148	(ion with extract\$4) with (switch\$4) with (electrode trap)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/10 13:54
S11	85	(ion with extract\$4) with (constant) with (electrode trap)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/10 13:55
S12	3	S10 and S11	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/10 13:55
S13	15	S10 and (fast digital) near4 switch\$4	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/10 13:56
S14	132	(ion near2 trap) with (distribution near2 ion)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/10 14:05
S15	21	S14 and (switch\$4 with dc)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/10 14:06
S16	24	(linear near2 (ion near2 trap)) and (constant with dc with electrode)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/10 14:13
S17	18	S16 and switch\$4	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/10 14:14
S18	49	(linear near2 (ion near2 trap)) and (switch\$4 with dc with electrode)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/10 14:19
S19	16	S18 and (electrode with constant)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/10 14:19

S20	195	(tandem with (IT?TOF((ion adj trap) with TOF)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/10 14:58
S21	17	S20 and (switch\$4 with trap\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/10 15:00
S22	7	S20 and (switch\$4 with dc)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/10 15:05
S23	6041	(250/281,282,283,288,290,293).CCLS.	US-PGPUB; USPAT	OR	OFF	2010/11/10 15:08
S24	177	S23 and (electrode near4 extract\$4 near4 (potential bias voltage dc)) with ion	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/10 15:13
S25	49	S24 and (switch\$4 with electrode)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/10 15:14
S26	37	S25 and (ion near2 trap)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/10 15:14
S27	43	S25 and (TOF (time near2 flight))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/10 15:14
S28	32	S26 and S27	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/10 15:15
S29	4	("6380666").URPN.	USPAT	OR	ON	2010/11/10 15:18
S30	6	("20040132083" "20050127291" "6380666" "6483244" "6870159").PN. OR ("6977374").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/10 15:19
S31	96	S23 and (switch\$4 with electrode with dc)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/10 15:45

S32	14	S31 and (constant with electrode with dc)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/10 15:45
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EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S33	14	(250/281).CCLS.	UPAD	OR	OFF	2010/11/10 15:47
S34	28	(250/282).CCLS.	UPAD	OR	OFF	2010/11/10 15:47
S35	3	(250/283).CCLS.	UPAD	OR	OFF	2010/11/10 15:47
S36	16	(250/288).CCLS.	UPAD	OR	OFF	2010/11/10 15:47
S37	3	(250/290).CCLS.	UPAD	OR	OFF	2010/11/10 15:47
S38	0	(250/293).CCLS.	UPAD	OR	OFF	2010/11/10 15:47
S39	46	S33 S34 S35 S36 S37	USPAT; UPAD	OR	ON	2010/11/10 15:48
S40	67	(ion with extract\$4) with (switch\$4) with (electrode trap)	USPAT; UPAD	OR	ON	2010/11/10 15:48

11/12/2010 6:13:18 AM

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